

**ABSTRACT**

A hydrogenation catalyst of the general formula  $AB(y)C(z)$  wherein A is a support comprising of a salt of a Group II A metal or zeolite, B is a noble metal selected from Pt or Pd,  $y = 0.2$  to  $10\%$ , C is nickel and  $z = 0$  to  $15.0\%$ , with the proviso that when B is Pt,  $z = 0$ .